ABSTRACT

Use of a silicone surfactant of the alkyl dimethicone copolyol type in the preparation of solid cosmetic water-in-oil emulsions and solid water-in-oil emulsions thus obtained.

The present invention relates to the use of a silicone surfactant of alkyl dimethicone copolyol type of formula:

$$CH_{3} - Si - O - Si - O - Si - O - Si - CH_{3}$$

$$CH_{3} - Si - O - Si - O - Si - CH_{3}$$

$$CH_{3} - CH_{3} - CH_{3}$$

in which:

 $PE = (-C_2H_4O)_x(-C_3H_6O)_y-H,$

x = 0 to 50,

y = 0 to 30, x and y not simultaneously being 0,

0 = 1 to 100,

m = 1 to 40,

n = 1 to 200,

p = 1 to 17 and

q = 1 to 5,

in the preparation of a solid water-in-oil emulsion comprising an aqueous phase emulsified by the said surfactant in a fatty phase comprising at least one oil and at least one wax.

The invention also relates to a solid emulsion of water-in-oil type, in particular a transfer-free foundation, such as the emulsion defined above.